

**Colorado Department of Public Health and Environment
Air Pollution Control Division
Application For Open Burning**

Air Curtain Destructor / Permit to Operate

Permit Number _____

Company Name: _____
Mail Address: _____ Agency: _____
Person to Contact: _____ Phone Number: _____
Contact Title: _____ Fax Number: _____
E-mail Address: _____

Signature of Responsible Official (not a vendor or consultant)

Date

Name of Responsible Official (Please Print)

Title

Description of Burn Site: _____

Address/Location: _____

Type of Debris: _____

Moisture Content: _____ %

Equipment Information

Make

Model

Serial No.

Class

Where is the Air Curtain installed? _____ (Indoors / Outdoors)

Is there a Spark Arrester: _____ Yes / No

Check the applicable charging methods:

- ☐ Side ☐ Manual
☐ Top ☐ Automatic

Type of Draft:

- ☐ Natural
☐ Induced
☐ Forced

Type of Damper:

- ☐ Barometric
☐ Mechanical

Air Curtain Configurations

Engine _____ HP
Manifold Length _____ Ft
Setback (unit to pit) _____ Ft
Air Output _____ CFM/ Ft
Fan _____ CFM
Fuel Tank _____ Gallons/Liters
Type of Fuel _____

Fire Box / Pit Dimensions

Volume _____ Ft³
Length _____ Ft
Height _____ Ft
Width _____ Ft
Static Pressure _____ psi
Temperature within pit _____ F/C
Type of Fuel _____ Wood

Process Information

Give Description and Source of Waste:

Design Rate: _____ Pounds per hour

Waste Heat Value _____ BTU per pound

Excess Air: _____ Percent

Residence Time: _____ Hours

Air Applied Overfire: _____ Percent

Requested Process Rate _____ Tons per year

Under-fire air supply _____ Y/N

Give Any Additional Process Information

GIVE DETAILS OF CONTROL EQUIPMENT ON THE CONTROL EQUIPMENT SUPPLEMENT FORM

Attach assembly drawings, building layouts, draft control dimensions, manufacturer's brochures, descriptions of fans and motors showing clearly the equipment size, location and design features. Complete all applicable portions of application that apply.